ThinkPad® SL510 2847 (GMA) - TopSeller (Windows 7)

Type-model	proc-essor	GHz	Memory	Wide-screen display	CCFL or LED	Screen type	Cam-era	Inte-grated graphics	Disk SATA GB[8] rpm	SATA optical	Mini PCIe 802.11 wireless	Mini PCIe WWAN	Blue-tooth	Finger print reader	Bat-tery cells	Preload	Avail date
✂ 2847-2KU	T5870	2.00	2GB	15.6" HD	LED			GMA	160G 5400	DVD±RW	✶ Intel 5100[28]				6	Pro 32	Oct 09
✂ 2847-2LU	T5870	2.00	*4GB*	15.6" HD	LED		2.0M	GMA	250G 5400	DVD±RW	✶ Intel 5100		Blue		6	Home P	Oct 09
✂ 2847-2QU	P8700	2.53	*4GB*	15.6" HD	LED		2.0M	GMA	320G 5400	DVD±RW	✣ Intel 5100		Blue	Fing	6	Pro 64	Oct 09
✂ 2847-6GU	T6670	2.20	2GB	15.6" HD	LED		2.0M	GMA	250G 5400	DVD±RW	✶ WiMAX				6	Pro 32	Nov 09
✂ 2847-6HU	T6670	2.20	*3GB*	15.6" HD	LED		2.0M	GMA	250G 5400	DVD±RW	✶ Intel 5100	Verizon[16]			6	Pro 32	Nov 09
✂ 2847-9VU	T6570	2.10	*4GB*	15.6" HD	LED	Glossy	2.0M	GMA	320G 7200	DVD±RW	✶ Intel 1000[28]		Blue		6	Home P	Jan 10
✂ 2847-9YU	T6670	2.20	*4GB*	15.6" HD	LED		2.0M	GMA	320G 7200	DVD±RW	✶ Intel 1000		Blue	Fing	6	Pro 64	Jan 10
✂ 2847-9UU	T6570	2.10	2GB	15.6" HD	LED		2.0M	GMA	250G 5400	DVD±RW	✶ Intel 1000				6	Pro 32	Jan 10
✂ 2847-9XU	T6570	2.10	*3GB*	15.6" HD	LED		2.0M	GMA	320G 7200	DVD±RW	✶ Intel 1000				6	Pro 32	Jan 10
✂ 2847-9ZU	T6670	2.20	*3GB*	15.6" HD	LED		2.0M	GMA	320G 7200	DVD±RW	✶ Intel 1000	AT&T[23]			6	Pro 32	Jan 10
✂ 2847-AZU	T6570	2.10	2GB	15.6" HD	LED	Glossy	2.0M	GMA	250G 5400	DVD±RW	✶ Intel 1000				6	Home P	Apr 10
☞ 2847-CZU	T6670	2.20	2GB	15.6" HD	LED		0.3M	GMA	250G 5400	DVD±RW	✶ Intel 1000				6	Pro 64	Sep 10
☞ 2847-D2U	T6670	2.20	*3GB*	15.6" HD	LED		0.3M	GMA	500G 7200	DVD±RW	✶ Intel 1000				6	Pro 64	Sep 10

- ***These small and medium business (SMB) models are part of the US TopSeller™ Program***
- ***These systems are Microsoft® Office 2010 Product Key Ready (O10PKR)***

Processor	**Intel® Core™ 2 Duo processor T5870**, **T6570**, or **T6670** with **dual-core**, 800MHz system bus, and 2MB L2 cache or **Intel Core 2 Duo processor P8700** with **dual-core**, Intel HD Boost, 1066MHz system bus, and 3MB L2 cache
Memory	**2GB**, **3GB**, or **4GB** std / 8GB max[7] / PC3-8500 1066MHz DDR3, non-parity, dual-channel capable, two 204-pin SO-DIMM sockets; *Italics:* standard memory in both sockets; no sockets available; *Non-italics:* standard memory in one socket; one socket available
SATA DVD±RW	DVD burner, SATA 1.5Gb/s, 12.7mm high, fixed, not removable, tray-in
SATA disk	**160GB**[8] (5400 rpm), **250GB** (5400 rpm), **320GB** (5400 or 7200 rpm), or **500GB** (7200 rpm) / SATA 3.0Gb/s, 2.5" wide, 9.5mm high, removable, upgradable, ThinkPad Shock Mounted Hard Drive, Active Protection System™
Widescreen display	*Some:* **15.6"** (395mm) **HD (1366x768) color**, anti-glare, **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio *Some:* **15.6"** (395mm) **HD (1366x768) color**, **VibrantView** (glossy), **LED backlight**, 220 nits, 16:9 aspect ratio, 500:1 contrast ratio
Camera	*Some:* camera on top of screen, 0.3-megapixel or 2.0-megapixel, fixed focus
Integrated graphics	**Intel Graphics Media Accelerator 4500MHD (GMA 4500MHD)**, in GM45, HDMI port supporting HDCP to output protected content *Max external resolution:* 2048x1536@75Hz (VGA DB-15 port); 1920x1080 (HDMI port)
Keyboard	6-row, ThinkVantage button, spill-resistant, multimedia Fn keys, Windows and App keys
TrackPoint®	TrackPoint® pointing device, Internet Scroll Bar[13], magnifying glass
Touch pad	UltraNav™, wide touch pad below keyboard, Tap Zones, scrolling regions label, multi-touch
Lighting FX	Illuminated power button
Dimensions[3]	*4/6-cell 15.6W" (WxDxH):* 14.9" x 9.72" x 1.26–1.42"; 380 x 247mm x 32–36mm
Weight[2]	*4-cell:* starting at 5.17 lb (2.35kg); *6-cell:* starting at 5.64 lb (2.56kg)
Case	*Color:* ThinkPad Matte Black; *Material:* Scratch-resistant ABS plastic
Battery - type[37]	Lithium Ion **6-cell**
Battery - life[10]	*6-cell:* up to 4.0 hr; *9-cell:* up to 6 hr
Chipset	**Mobile Intel GM45 Express Chipset** (Graphics Memory Controller Hub), ICH9M I/O Controller Hub (SATA 3.0Gb/s, USB 2.0, PCI Express® 1.1, PCI 2.3, ethernet MAC), LPC bus (IT8752)
ExpressCard	One slot (ExpressCard/34)
Multicard reader	7-in-1 reader (MMC, Memory Stick, Mem Stick Pro, SD, SDHC, XD, XD Type H)
PC Card	None
Smart Card read	None
Ports	Three USB 2.0, one eSATA/USB combo port, external monitor (VGA DB-15, HDMI), ethernet (RJ-45)
Mini PCI Express	One or two Mini PCI Express slots
Intel 1000[28]	*Some:* 11b/g/n wireless[4], Mini PCIe adapter, Intel Centrino® Wireless-N 1000, 1x2
Intel 5100[28]	*Some:* 11a/b/g/n wireless, Mini PCIe adapter, Intel WiFi Link 5100, 1x2 (Shirley Peak)
WiMAX	*Some:* 11a/b/g/n and WiMAX wireless, Mini PCIe adap, Intel WiMAX/WiFi Link 5150, 1x2 (300Mbps) WiFi + 1x2 WiMAX (Echo Peak)
Verizon[16]	*Some:* Wireless WAN, Qualcomm Gobi 1000 chipset, Mini PCIe adptr, EV-DO Rev. A, GPRS/WCDMA/HSPA, GPS, service contract required with Verizon®
AT&T[23]	*Some:* Wireless WAN, Ericsson chipset, Mini PCIe adapter and SIM, GPRS/WCDMA/HSPA, GPS, service contract required with AT&T®
Modem	None
Bluetooth™	*Some:* Bluetooth 2.1 wireless, LED indicator
Ethernet	Realtek® RTL8111DL Gigabit Network Connection, PHY, PCIe x1
Intel AMT	None
Audio support	High Definition (HD) Audio, ALC269Q codec / stereo speakers, 1.5 watt / speaker volume up, down and mute buttons / mono microphone, mic mute button, mic input jack, headphone jack
Security	Power-on password, hard disk password, supervisor password, security keyhole
Security chip	None
Fingerprint reader	*Some:* Fingerprint reader on palm rest, swipe sensor
Limited warranty[12]	**1-year** - depot repair service / service upgrades[22] available

Preloaded operating system[20]
- *Some:* Genuine Windows® 7 Home Premium 64
- *Some:* Genuine Windows 7 Professional 32
- *Some:* Genuine Windows 7 Professional 64

Preloaded applications[14] (only some listed)
- Rescue and Recovery™
- Access Connections™
- Password Manager
- ThinkVantage Power Manager
- ThinkVantage System Update
- Fingerprint Software (fingerprint models)
- ThinkVantage Toolbox
- Adobe® Reader®
- Adobe Flash® Player
- Skype™ for Windows
- Microsoft Office 2010 preloaded; purchase product key to activate
- Microsoft Research AutoCollage Touch
- Roxio® Creator® Business Edition (DVD±RW)
- Roxio MyDVD® (DVD±RW)
- Corel® WinDVD® (DVD±RW)

Supports ThinkVantage® technologies

65-watt (GMA graphics) AC adapter
EPEAT™ Gold rating
ENERGY STAR® 5.0-compliant
RoHS-compliant
International Warranty Service[17]
24 hour x 7 day[18] toll-free support during the warranty period[12] via 800-426-7378

ThinkPlus™,[22] 1-year LOR[24] 9x5 NBD 45K5968
ThinkPlus 2-year LOR 9x5 NBD 45K5969
ThinkPlus 3-year LOR 9x5 NBD 45K5970
ThinkPlus 4-year LOR 9x5 NBD 45K5973
ThinkPlus 5-year LOR 9x5 NBD 45K5975
ThinkPlus 2-year P&L P/U Depot 45K5971
ThinkPlus 3-year P&L P/U Depot 45K5972
ThinkPlus 4-year P&L P/U Depot 45K5974
ThinkPlus 5-year P&L P/U Depot 45K5976
Post-warranty annual maintenance agreements at **lenovo.com**/thinkplus/warranty

See footnotes for important warranty information
✶ Intel Centrino® processor technology
✣ Intel Centrino 2 processor technology
☞ US models announced September 28, 2010; previous models on October 22, November 17, or December 15, 2009, or April 6, 2010
✂ US models withdrawn effective February or December 2010 or January 2011

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